

JC14 Rec'd PCT/PTO 29 JUN 2005

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Serial No. : To be assigned (U.S.  
National Phase  
of PCT/JP2003/000338)

Applicants : Keiji HASUMI et al.

Filed : Concomitantly Herewith

For : AFFINITY TRAP REACTOR AND  
SINGLE-STEP PROCESS FOR  
PURIFYING ANGIOSTATIN-LIKE  
FRAGMENT FROM HUMAN PLASMA...

Docket No. : 05360/HG

Customer No.: 01933

**INFORMATION DISCLOSURE STATEMENT**  
**FILED CONCOMITANT WITH APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**MAIL STOP PCT**

S I R :

A copy of each of the non-U.S. publications identified in the enclosed Form PTO/SB/08A is enclosed herewith. Each of the publications which is identified in the enclosed Form PTO/SB/08A is also identified in the enclosed English-language International Search Report in the International Application for PCT/JP2003/000338.

Also enclosed is a Form PTO/SB/08B which lists two publications, copies of which are enclosed. One of said

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publications, namely the Journal of Biochemistry, Vol. 74, No. 8, 4P-459, (2002), is addressed in the DECLARATION THAT THE INVENTORS NAMED IN THIS APPLICATION ARE THE ONLY PERSONS WHO CONCEIVED AND INVENTED THE SUBJECT MATTER OF THIS APPLICATION WHICH IS DISCLOSED IN A PUBLICATION that is being filed concomitantly herewith.

It is requested that said publications be considered and that initialed copies of the enclosed Forms PTO/SB/08A and PTO/SB/08B be returned to the undersigned attorney.

Respectfully submitted,



RICHARD S. BARTH  
REG. NO. 28,180

FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.  
220 FIFTH AVENUE, 16th FLOOR  
NEW YORK, NEW YORK 10001-7708  
Tel. Nos. (212) 319-4900  
(212) 319-4551/Ext. 219  
Fax No. (212) 319-5101  
E-Mail Address: BARTH@FHGC-LAW.COM  
RSB/ddf

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 PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number		To be assigned (U.S. National Phase Appl. No. 10/541228) PCT/JP2003/000338)	
				Filed		Concomitantly Herewith	
				First Named Inventor		Keiji HASUMI	
				Group Art Unit			
				Examiner Name			
Sheet	1	of	2	Attorney Docket Number		05360/HG	

## U.S. PATENT DOCUMENTS

Exam. Inits <sup>*</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
/AK/		4,224,125		NAKAMURA et al.	09-23-1980	

## FOREIGN PATENT DOCUMENTS

Exam. Inits <sup>*</sup>	Cite No <sup>1</sup>	offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
/AK/		EP	1 111 385	A2	NICHIREI CORP	06-27-2001		
/AK/		JP	2002-272453	A	JAPAN SCIENCE AND TECHNOLOGY CORP.	09-24-2002		*
/AK/		EP	0 881 287	A2	JAPAN SCIENCE AND TECHNOLOGY CORP	12-02-1998		

Examiner Signature	/Aaron Kosar/	Date Considered	05/29/2007
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

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29 JUN 2005

PTO/SB/08B (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	To be assigned (U.S. National Phase Appl. of PCT/JP2003/000338)
				Filing Date	Concomitantly Herewith
				First Named Inventor	Keiji HASUMI
				Group Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	05360/HG
<b>OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
		<del>Kosuke SHIMIZU, Ritsuko NARASAKI, Harushige KURIBAYASHI, Tsutomu SATO and Keiji HASUMI, "One Step Purification of Angiostatin from Plasma Using a New Processing Protease Bacillolysin MA," <u>Journal of Biochemistry</u>, Vol. 74, No. 8, (2002).</del>			*
		<del>Keiji HASUMI, "A New Microbiological Enzyme which Catalyzes Angiostatin Conversion of Plasminogen," Mishima Kaiun Memorial Foundation, Research Report, No. 39, (2001).</del>			*
Examiner Signature		/Aaron Kosar/		Date Considered	05/29/2007

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